

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-023338**Date Inspected:** 28-May-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	CWI Present:	Yes	No			
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A

Bridge No: 34-0006**Component:** OBG Trial Assembly**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S. Manjunath Math was present during the time noted above for observations relative to the work being performed.

This QA Inspector randomly observed the following work in progress:

Orthotropic Box Girder (OBG) Trial Assembly Area

This QA Inspector performed Magnetic Particle Testing (MT) of approximately 15% area previously tested by ZPMC MT personnel. This QA Inspector generated a TL-6028 MT report on this date. The weld designation numbers is as follows for OBG Segment 4BE (Field Splice).

OBG Holdback 4BE Green Tag #3

SP044-002; 053 and 056

SP056-002; 071 and 083

SP080-002; 061 and 072

SP068-002; 058 and 069

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SP008-001; 027

SP032-001; 030 and 031

SP016-001; 029 and 042

SP024-001; 025 and 036

BP024-001; 026 and 036

BP023-001; 025 and 036

BP022-001; 025 and 035

EP014-001; 012

EP020-001; 011

DP046-001-015

DP048-001; 013

This QA Inspector performed Magnetic Particle Testing (MT) of approximately 15% area previously tested by ZPMC MT personnel. This QA Inspector generated a TL-6028 MT report on this date. The weld designation numbers is as follows for OBG Segment 5AE (Field Splice).

OBG Holdback 5AE Green Tag #4

SP419-001; 016 and 025

SP423-001; 011 and 020

SP521-001; 023 and 036

SP601-001; 031 and 042

SP561-001; 031 and 042

BP056-001; 031 and 042

BP110-001; 031 and 042

DP632-001; 007

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DP629-001; 009

EP047-001; 009

SP304-001; 044 and 057

SP358-001; 038

SP331-001; 038

BP164-001; 031

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations were reported on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Math,Manjunath	Quality Assurance Inspector
Reviewed By:	Miller,Mark	QA Reviewer
